www.antibodiesinc.com
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530-758-4400

PRODUCT DATASHEET

Anti-WAVE1/SCAR Antibody

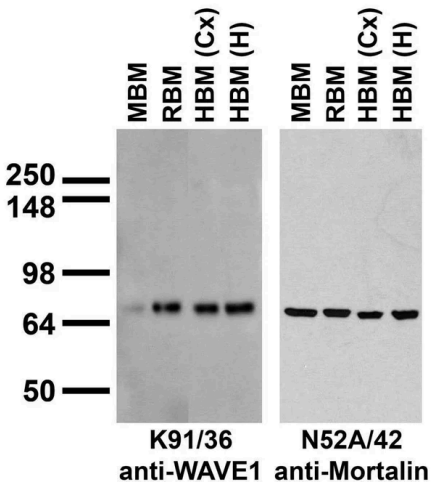
NeuroMab KO Validated

Product Details

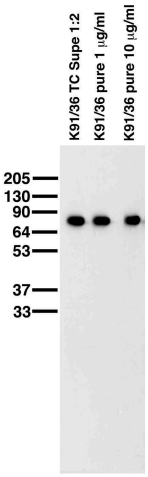
Available Variants	100 µL (SKU:75-048)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K91/36
Gene Name	WASF1 KIAA0269 SCAR1 WAVE1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide amino acids 477-498 of human Wave1/Wasp family 1(CQVIPASEPKRHPSTLPVISDAR; accession number Q92558)
Specificity	No cross-reactivity reported
Molecular Weight	75 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2216976
UniProt ID	Q92558 UniProt Summary: Downstream effector molecule involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Promotes formation of actin filaments. Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex. As component of the WAVE1 complex, required for BDNF-NTRK2 endocytic trafficking and signaling from early endosomes. Also involved in the regulation of mitochondrial dynamics.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	8936

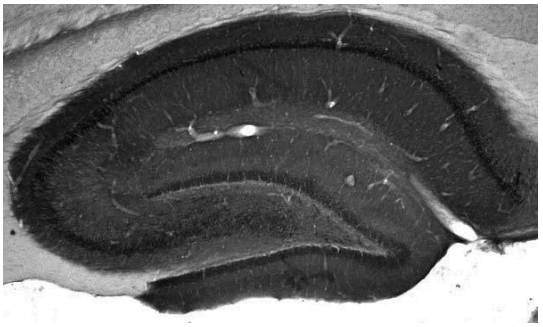
Product Images



Immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human cerebral cortex [HBM(Cx)] or hippocampus [HBM(H)] and probed with K91/36 (left) or N52A/42 (right) TC supe.



Adult rat brain membrane immunoblot.



Adult rat hippocampus immunohistochemistry.